

From owner-qrp-1@netcom.com Fri Apr 28 18:01:21 1995
Date: Fri, 28 Apr 1995 08:09:12 -0500 (EST)
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: Re: 'CWese' help needed
Message-Id: <01HPV5XCTQH4HTRWYV@ADMIN.Rose-Hulman.EDU>

Hmm, seems like everyone has their own preference as to what they send or would like to hear. Imagine that, just like normal conversation! I guess I will stick my two milliwatts in here.

My preference is to send both sets of call signs fully for the first exchange. It is here that signal reports and "vital" information are given, and until both sides know how good or bad a circuit is, any clues at all are helpful, especially if the circuit is bad with QRM. QSB usually dictates something quick just to get stuff through the fades. Your mileage may vary. When I am on CW, I do abbreviate where convenient to make the QSO flow better (faster?), but for the most part, I send like I talk. If I have some funny thought, I will probably just send it. Makes for a more natural flow. If you use a different thought process when you send code than when you talk, you are restricting yourself, and will probably not enjoy the code as much, or just find that it requires more concentration than talking. This usually causes people to shy away from it because they think it is more work. Another useful thing is to get used to sending "words" rather than characters. It also makes things flow better.

CW is fun, not work, and should be no different than using another language, or sign language, or pig latin, or a swift kick to someone under a table, or ... you get the idea.

Another note, I thought the ARRL standard for SK was
blah blah blah, etc... SK AA1AA DE KD8NY
then if you are closing the station end with a CL

See you in Dayton on Saturday...
72, David Moody, KD8NY

David A. Moody	E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst	Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech.	Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803	(VMS Rules!!! (but RSTS was fun.))
Wk Ph: 812.877.8183	

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.

It is up to you to know the difference.

From owner-qrp-1@netcom.com Fri Apr 28 23:27:16 1995
Subject: Re: 'CWese' help needed
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.21956.500@acenet.com>
Date: Fri, 28 Apr 1995 06:14:00 -0500

>From: brian.carling@acenet.com

hbs@crl.com Smitty NA5K) writes:

HS>So do you mean as an example:

HS> 'bk to u' de na5k

HS>Whats wrong with 'bk to u'? I hear it all the time. Also 'hw cpy' or
HS>'bak to u' or 'bak agn' or simply 'ok?'

Just that they take forever and a day to send and receive,
whereas if they guy learns to ABBREVIATE, he will have a lot more
fun on CW!

"SO BK TO YOU" or "SO BAK TO U" can be sent as "AR" a LOT quicker!

"SO HW CPY THERE OM? is long. Why not learn to just send "HW?"

Similarly I hear most novices (we ALL did it!) sending

"SO OM TNX FER RPRT. BT BT" etc, when a simple "TU" takes about
one tenth the time. These good operating habits are usually picked up
when the guys move down from to the general segment and begin
chatting in CW at 12-15 wpm. AT 5 wpm, everything takes forever to say
anyway, so doubling or tripling the message un-necessarily makes
no difference. Either one takes a lot of patience! I occasionally
work a novice or tech at 5 - 8 wpm just to be friendly, but I don't
try it if I have to be somewhere later!

73 de AF4K, Brian

~ SLMR 2.1a ~ Remember, you are unique, just like everyone else!

From owner-qrp-1@netcom.com Fri Apr 28 22:25:04 1995
Date: Fri, 28 Apr 1995 15:11:52 -0400 (EDT)
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: argo-II
Message-Id: <Pine.3.89.9504281509.A7754-0100000@autarch.acsu.buffalo.edu>

Hi Rich

read your mail to william about wanting to purchase a argo-II. Thought I would put my 2cents in. I bought my argo-II about 2 in a half years ago and has brought me a ton of pleasure and a ton of contacts from all over the world both stateside and dx, on both CW, SSB. Guess iam either lucky or bought it after t-t got all the bugs out of it.....I did read all articles about the rig and was waiting until t-t got all the bugs out of it and then I purchased it...So for what its worth here I really am enjoying the rig and as of right now I would not Part with it.....

73s...72s....Dave....AA2PF/QRP.....

From owner-qrp-1@netcom.com Sat Apr 29 00:25:22 1995
From: rarland@epix.net
Date: Fri, 28 Apr 1995 20:52:01 -0400 (EDT)
Subject: Re: argo-II
Message-Id: <Pine.SUN.3.91.950428204821.20257F-100000@grape.epix.net>

Well, you are one of the luck ones. The QRP fraternity is about equally divided on their like/dislike of the Argo-II. I'm not trying to blast or flame T-T in any way, but they certainly didn't do their homework prior to releasing the rig in 1991.

The rig underwent at least 3 major software/firmware/hardware upgrades during production, so if you ordered one when they first came out they are nothing like the ones released at the end of the production run.

Fran, KA3WTF, really likes his....however, after going thru three rigs and a lot of frustration, I think he HAS to like it (if you know what I mean, and I think you do).

Glad you like your Argo-II. When they are optimized and upgraded they do work well, but it has been my experience that the majority of them leave a lot to be desired.

72 rich

From owner-qrp-1@netcom.com Fri Apr 28 22:22:22 1995
Message-Id: <199504281919.MAA29764@mail4.netcom.com>
From: WILLIAM SCHILLER <schiller@cherokee.nsuok.edu>
Subject: argonaut 11
Date: Fri, 28 Apr 95 14:19:52 CDT

Just wanted to let you all know that I'm no longer looking for an
Argonaut 11. Thanks for all the help and information!
Bill KJ5CI

From owner-qrp-l@netcom.com Fri Apr 28 21:51:10 1995
From: tmh@world.std.com
Date: Fri, 28 Apr 1995 10:17:05 +0059 (EDT)
Subject: Cascade Update?
Message-Id: <Pine.3.89.9504281020.A14906-01000000@world.std.com>

I had to leave the list for a few weeks-- I'm writing a book (fiction)
and the qrp threads were beginning to show up in the story... :-)

>From the 3-day digest I see that ordering information has gone out on the
Cascade. The instant I heard about this project months ago I knew it was a
MUST HAVE.

Could somebody in close to the action re-post this ordering info., plus,
perhaps, some eye-witness testimony from seeing/displaying/operating this
baby at Dayton? I'm sure it would be of general interest.

Now: to get the YL to let me skim kit-buying funds off of the grocery
money...maybe pasta 3 nights a week...

Thanks in advance.

Tim Huntington
N1PAZ
tmh@world.std.com

From owner-qrp-l@netcom.com Fri Apr 28 19:58:25 1995
Date: Fri, 28 Apr 95 14:14:00 MDT
From: miker@cc.com (Mike Robinson)
Message-Id: <9504282014.AA06417@cc.com >
Subject: Curtis Keyer Chips for sale

Here it is!

Curtis 8044ABM Keyer Chip \$17 shipped in US48.
PC Board for Simplest Possible Keyer add \$2.

e-mail off list

7.3 de Michael aa0ub | QRP:

miker@cc.com Norcal #857 | "This thing's a radio?"
=====

From owner-qrp-l@netcom.com Fri Apr 28 23:20:14 1995
Message-Id: <199504281508.JAA16849@zia.aoc.nrao.edu>
Date: Fri, 28 Apr 1995 09:08:03 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Re: D-Cells as a QRP Power Source ?

Regarding the 1.8 AH and 4 AH D-cells ... you're right and I should have been more clear in making the distinction. I purchased the Radio Shack 1.8 AH because they were cheaper ... but still, 12 of them cost me about \$50 as I remember. They also have the 4 AH D-cells, but I remember the cost was \$75 or so for 12 of them. I opted for the cheaper ones. I can also say that the 1.8 AH rating is probably a bit under-rated ... I certainly get that and a bit more.

72, Paul NA5N

From owner-qrp-l@netcom.com Fri Apr 28 07:49:41 1995
Date: Fri, 28 Apr 1995 06:06:37 -0500 (EST)
From: cebik@utkvx.utk.edu
Subject: Re: Dayton wx
Message-Id: <Pine.3.89.9504280628.A543181410-0100000@utkvx.utk.edu>

On Thu, 27 Apr 1995, harry chase wrote:
> Hmmm.... maybe the weather affects propagation???....
> Harry, WA1VVH
It certainly will affect the propagation of technical information, operating techniques, and other personal exchanges among those 100+ qrpers able to go to Dayton. So your ??? is well put.
LB, W4RNL

From owner-qrp-l@netcom.com Fri Apr 28 09:11:20 1995
Date: Fri, 28 Apr 1995 21:08:44 +0700 (GMT)
From: Bruce Strong <hs0zbo@sura1.sut.ac.th>
Subject: Re: Dayton wx
Message-Id: <Pine.ISC.3.90.950428210536.766B-100000@sura1>

What does Dayton or the weather there have to do with qrp?

The title of the list is qrp, not weather in dayton!

I'm all for you guys exchanging all kinds of information, even the weather in Bangkok, but this is a qrp list, not a weather report list.

I expect there are more than 100 people on this list that wear pants but I don't think we should send out the style of

pants we all have on each day either!

100 plus going to dayton still doesn't make it qrp!

bruce

hs0zbo@sura1.sut.ac.th

On Thu, 27 Apr 1995, Richard G. Kellner wrote:

> This stuff has absolutely nothing to do with qrp.

> bruce

> hs0zbo@sura1.sut.ac.th

>

> There are about a hundred of us on the list going to Dayton.

> I, for one, appreciated the weather reports - thanks.

>

> 73 de Rich W5RXP

>

From owner-qrp-l@netcom.com Fri Apr 28 09:18:00 1995

Date: Fri, 28 Apr 1995 08:23:30 +0700 (GMT)

From: Bruce Strong <hs0zbo@sura1.sut.ac.th>

Subject: Re: Dayton wx

Message-Id: <Pine.ISC.3.90.950428081404.22346B-100000@sura1.sut.ac.th>

On Thu, 27 Apr 1995 PDouglas12@aol.com wrote:

> Hi Bruce, fully 20% of us QRP subscribers are going to Dayton. I doubt
> whether any message posted here has much more general interest. I for one
> have been really enjoying the wx reports, and packed for Dayton today, based
> on those predictions. So please bear with us--we are excited about going.
> Preston WJ2V
>

I understand your excitement and all that. However, when I look at the title of these messages they say qrp-l, not wx-l, not dayton-wx, not dayton-l. I'm not at all bothered by you guys all discussing the Dayton weather or whatever else tickles your fancy, just trying to remind you that this is, I was told, a qrp list. That a significant number of the list members are going to Dayton should not change it to a weather reporting list. A weather reporting list is all nice and proper and all that, but just not here!

The people that use this list alot seem to forget the purpose and use it as their personal internet chat system. All well and good, but that isn't what I thought the purpose of this list was, and I think most of the rest would tend to agree.

Go ahead and talk of the Dayton weather, the Dayton dog catching conditions, or whatever, but that really hasn't got anything to

do with qrp.

Me thinks you might be best served by a dayton-or-bust list where all these things of interest to the Dayton-goers might be discussed and broadcast without cluttering up the rest of the system. Remember, some of us get to pay for our messages and it is hard to feel very good about paying anything for the weather report in Dayton last Monday! And I really fail to see _ANY_ relevance to the purpose of this list. Any at all!

I hope I don't sound like a list-cop, but, come on, keep on track of what this list is supposed to be about. Please. :-)

best to all and I hope you all have a real good time.

and, if anybody wants to know, yesterday was the hottest day in Thailand for the last 40 years, or so the paper said!

; -)

72/73,

bruce

hs0zbo@sura1.sut.ac.th

From owner-qrp-l@netcom.com Fri Apr 28 10:30:40 1995

From: Johnson Russ <JohnsonR@rnd2.indy.tce.com>

Subject: Re Dayton Wx

Date: Fri, 28 Apr 95 08:04:00 PDT

Message-Id: <2FA10346@MSMAIL.INDY.TCE.COM>

Would a small change in Dayton Wx be QRP related?

Russ N9RJ

Johnsonr@indy.tce.com

From owner-qrp-l@netcom.com Fri Apr 28 10:42:13 1995

Date: Fri, 28 Apr 1995 21:18:06 +0700 (GMT)

From: Bruce Strong <hs0zbo@sura1.sut.ac.th>

Subject: Re: Dayton wx

Message-Id: <Pine.ISC.3.90.950428210912.766C-100000@sura1>

On Thu, 27 Apr 1995, H Smith wrote:

> > I know you guys are all friends and all that crap, but

> ^^^^^^^^^^^

> me thinks that you should take it easy and have patience with the guys.

Comment welcome. Reply: What is the title of the list? What

has that got to do with last Monday's weather in Dayton, Ohio?
Just one reasonable tie-in why an international _qrp_ list should
be a place for local weather reports will shut me up!

Don't lose focus! Take the weather reports to the weather report
list. Or watch CNN! We even get U.S. weather reports over here on
International CNN. I just don't see how it can be justified on a
qrp discussion. 'Taint got nuttun to do with radio.

I know you all are excited and all that, I used to get excited
when I was a kid too. Sometimes I still do. And it gets pointed
out to me when I get too excited and make a 'fool' of myself.

Stay on focus!

Start a Dayton list. Take it there. It don't belong here!

This isn't a Dayton list and it ain't a weather list.

Twenty percent of the list going to Dayton leaves eighty percent
of the list that gets all this useless (to us) stuff.

If you suggest I be patient, I'd suggest you be considerate.

And I really do hope all the qrp's, and everyone else, has a
bang up good time.

bruce

hs0zbo@sura1.sut.ac.th

From owner-qrp-1@netcom.com Fri Apr 28 11:46:57 1995
Date: Fri, 28 Apr 1995 21:24:10 +0700 (GMT)
From: Bruce Strong <hs0zbo@sura1.sut.ac.th>
Subject: Re: Dayton wx
Message-Id: <Pine.ISC.3.90.950428212018.766D-100000@sura1>

On Thu, 27 Apr 1995, Sherwood Probeck wrote:

>
> Greetings all!
>
> I personally, am not bothered by the weather reports! I'm just a BIT
> jealous of all you guys heading out to Dayton :) Oh well, maybe next
> year.
>

I'm not bothered by them either, just that they are on the qrp list
and have nothing what-so-ever to do with qrp. This just ain't the
place for them!

I think it's nice that we take the time and care enough to help each
other out and spread such information. This just isn't the place for
it! Look that the title of the list and tell me what it has to do with
the weather in some place in Ohio, only one week a year!

never been there,

never done that,
don't have any tee-shirt to prove it either!

72/73,
bruce
hs0zbo@sura1.sut.ac.th

From owner-qrp-l@netcom.com Fri Apr 28 14:46:38 1995
Date: Fri, 28 Apr 1995 10:53:06 -0500 (EST)
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: Re: Dayton wx
Message-Id: <01HPVBNK4I9AHTRWYV@ADMIN.Rose-Hulman.EDU>

IN%"hs0zbo@sura1.sut.ac.th" wrote many things:
[...bandwidth saver invoked on the whole lot...]

I do very much appreciate the Dayton WX reports as I am going to Dayton just for Saturday and hope that the WX is nice for at least that day. I will agree with HS0ZBO that it is not QRP related and probably doesn't belong on the list, but there are events at Dayton that are QRP related, and there are many people from this list that are going, and many others that wish they were going and for whatever reason aren't. So, I don't see any problem with posting that information. Besides, it seems to me that the WX people all have conflicting forecasts, so it helps to hear it from some different points. Maybe we can make a guess as to what it will really be like.

There has been much information posted on this list that I have found very useful, and there has been a great deal that I have found (to me at least) completely worthless. So it goes with anything.

[...sorry guys, flame ON...]

I don't see any use in posting multiple messages complaining about the same thing! If you are worried about the quantity of traffic coming to you then you have just increased it with the multiple complaints.

[...ok, flame OFF...]

Well, I am looking forward to an enjoyable day at Dayton and I wish it was for the whole weekend, but can't do that this year. Oh well. I do hope that there is some good stuff left after the big grab on Friday.

That is my two milliwatts (no, sorry that was a QRO posting) worth ;-)
72, David Moody, KD8NY

David A. Moody	E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst	Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech.	Amateur Call: KD8NY (CW QRP) ex-WB9MMD

Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))
Wk Ph: 812.877.8183 |

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

From owner-qrp-1@netcom.com Fri Apr 28 16:54:37 1995
Date: Fri, 28 Apr 1995 21:26:58 +0700 (GMT)
From: Bruce Strong <hs0zbo@sura1.sut.ac.th>
Subject: Re: Dayton WX
Message-Id: <Pine.ISC.3.90.950428212427.766E-100000@sura1>

thanks for the weather report. I'm sure glad you took the time to
send it to me, and all the other's on the qrp-list. Maybe you could
be kind enough to send the weather report for tomorrow as we, here
in Thailand, are one day ahead of you and your today's weather is
yesterday's here and old hat!

have a good time.
bruce
hs0zbo@sura1.sut.ac.th
norcal 40, outbacker, dipole, lots of wire up high, etc...

On Thu, 27 Apr 1995, Bill Kelsey - N8ET - Kanga US wrote:

> WX this AM as we get set to head for Dayton is abt 60 degrees with
> partly cloudy - forecast is for 30-40 mph winds and possible showers
> today.
>
> The rest of the weekend sounds like temps in the low 60's, with a few
> showers. - That is what the forecast has been all week - and actual wx
> has been sunny....
>
> Keep your fingers crossed!
>
> CU all there
>
> 73 - Bill Kelsey - N8ET
> Kanga US
> kanga@bright.net
> 419-423-4604
> HTTP://ncc1701-d.cc.nd.edu/kanga/
>

From owner-qrp-1@netcom.com Fri Apr 28 22:45:51 1995
From: ARDAI@DOC.dnet.teradyne.com
Date: Fri, 28 Apr 1995 09:49:08 -0500 (EST)
Subject: Re: Dayton WX
Message-Id: <01HPV9BS8IJ6004S2H@A1GATE.TERADYNE.COM>

Can we *please* stop arguing about arguing about the Dayton WX. The wx reports will probably stop today, since those who care will be able to look out the window and make a reasonable guess. These reports are a short-lived phenomina. Just wish I could be there to see the weather first-hand :-)
/mike

BTW, I thought wx was the second most common thing hams talked about after their rigs... Net imitates life :-)

From owner-qrp-1@netcom.com Sat Apr 29 00:24:19 1995
Date: Fri, 28 Apr 95 13:52:24 EST
From: harry_chase@smtpgw.windata.com (harry chase)
Message-Id: <9503287991.AA799102344@smtpgw.windata.com>
Subject: Re: Dayton wx

Bruce does raise one issue that may explain the rather vigorous opposition I've been seeing to the weather reports: Some of the most popular on-line services charge horrendously for email access, and after a (very small) minimum, charge by the message, in OR outgoing. I am lucky enuff (so far) to have a connection at the workplace, and so havent given this issue much thought until now.

However, I will stop short of echoing the loud complaints; I would like this to remain a friendly forum.

Harry
WA1VVH

From owner-qrp-1@netcom.com Sat Apr 29 00:36:29 1995
Message-Id: <9504281916.AA00252@garnet.inel.gov>
Date: Fri, 28 Apr 1995 13:17:21 -0600
From: LVE1@inel.gov (Larry East)
Subject: Re: Dayton wx

Ok folks, they are in Dayton now, so we shouldn't be seeing any more Dayton WX reports -- give it a rest, OK??

From owner-qrp-1@netcom.com Fri Apr 28 16:48:15 1995
Date: Fri, 28 Apr 1995 07:48:08 -0500 (EST)
From: cebik@utkvx.utk.edu

Subject: great circles

Message-Id: <Pine.3.89.9504280718.A543183922-0100000@utkvx.utk.edu>

Steve,

To add to your list of great circle calculators, George Murphy's HAMCALC9 (currently at version 9.5 if obtained directly from him) has a very nice program on great circle bearing calculations, including a data base of latitudes and longitudes (which you can add to). Of course, it also has over 60 other programs for various ham calculations, all structured with a master menu and subdirectories for installation on a hard disk or use directly from a floppy. It comes on a 3.5" 1.44MB floppy direct from George if you request. He would appreciate a \$5.00 donation to cover costs with the excess going to the Canadian National Institute for the Blind Amateur Radio Program (he can handle US checks). A slightly earlier version is at the oak.oakland ftp site. Murph's address is

George Murphy, VE3ERP
77 McKenzie Street
Orillia, ONT L3V 6A6
Canada

I consider his program to be the best ham bargain in software. If you ask, he might even throw in fotocalc as well. And he is always on the lookout for additions: he edits them himself to fit the format and style of the menu and screen structure and credits the source ham. In my personal opinion, he has performed and continues to perform a real service for amateur radio. I use the program all the time, usually checking it out before lugging out all the heavy reference books.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (615) 974-7215
1434 High Mesa Drive	/	\	\	----	/	---	(Hm) (615) 938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX) (615) 974-3509
37938-4443 USA	/	\	\	\			cebik@utkvx.utk.edu
QRPARCI 2572 G-QRP 7203 CQC 125 NEQRP 347 NORCAL 1111 MIQRP 1432							

From owner-qrp-l@netcom.com Fri Apr 28 14:39:02 1995

From: wbarnes@earth.geology.ubc.ca

Date: Fri, 28 Apr 1995 08:24:49 -0700

Message-Id: <199504281524.IAA05066@unixg.ubc.ca>

Subject: Metal roof as a ground plane?

I am putting a new roof on my house, and it will be metal this time. I assume it will make a good ground plane for a vertical, but should I bond the roof to the gutters and the downspouts to the actual earth? I

have not yet used a vertical antenna. Is there any configuration that will work best with this type of roof ground plane? The only other conductors on the roof are the 8 solar panels that are my power source.

Cheers, -- Bill

William Barnes, Dept. Geological Sciences, Univ. British Columbia,
Vancouver, Canada V6T 1Z4 <wbarnes@earth.geology.ubc.ca> VE7MEW

From owner-qrp-l@netcom.com Sat Apr 29 00:40:09 1995
Message-Id: <9504282056.AA01717@garnet.inel.gov>
Date: Fri, 28 Apr 1995 14:57:39 -0600
From: LVE1@inel.gov (Larry East)
Subject: Re: Metal roof as a ground plane?

On 28 April William Barnes wrote:

>I am putting a new roof on my house, and it will be metal this time. I
>assume it will make a good ground plane for a vertical, but should I
>bond the roof to the gutters and the downspouts to the actual earth? I
>have not yet used a vertical antenna. Is there any configuration that
>will work best with this type of roof ground plane? The only other
>conductors on the roof are the 8 solar panels that are my power source.
>

You will probably get conflicting opinions, but here's my 2 bits worth...

It may be a good idea to ground the roof for lightning protection, but I doubt that it would make any difference as far as the antenna is concerned -- as long as the longest dimension of the roof is at least 1/4 wavelength at the lowest operating frequency. However, it IS important to make sure that all metal parts are well bonded together -- otherwise you could get some strange interactions with the antenna and/or TVI generated from "rectifying" joints between roof sections.

I've always thought that a metal roof should make a good antenna ground plane. My only experience with such a thing was when I was at the IAEA in Vienna (Austria) about 10 years ago; we had a multiband vertical up on a the roof (still there, I think) which had copper (!) flashing, and the antenna worked great. However, it was also about 250 feet above the ground, so don't know if the flashing really had anything to do with its performance or not...

72 --

Dr. Larry V. East

Nuclear Engineering Department
Idaho National Engineering Laboratory
P.O. Box 1625, MS 7113
Idaho Falls, ID 83415
e-mail: LVE1@inel.gov

From owner-qrp-l@netcom.com Fri Apr 28 11:29:10 1995
Message-Id: <9504281411.AA19927@us4irmc.pko.dec.com>
Date: Fri, 28 Apr 95 10:11:01 EDT
From: "N100Q Tom R. @ MR01 28-Apr-1995 1003" <randolph@improv.enet.dec.com>
Subject: RE: MFJ-249....I goofed!

Even better than a diode across the power supply, use a Zener rated a few volts above your supply voltage:

+V ----- ~ -----> the rest of the ckt
 fuse
 !
 !
 / \
 / \
 / \

 !
 !
 GND

If you reverse polarity, the fuse blows; if you over-voltage, the fuse blows; if something goes seriously wrong inside the radio, the fuse blows. Pretty much idiot proof. A 15 or 16V Zener that can handle the rated fuse current should do it... Don't wire it in until you're finished building and debugging the radio! I blew FOUR fuses last time by accidentally shorting the supply rail!

-Tom R. N1000 randolph@est.enet.dec.com

From owner-qrp-l@netcom.com Fri Apr 28 16:47:43 1995
Date: Fri, 28 Apr 1995 06:49:38 -0500 (CDT)
From: Bob Howle <bhowle@freud.inst.com>
Subject: New Fair Radio Catalog
Message-Id: <Pine.SOL.3.90.950428064811.5487A-100000@freud>

One of the high points of my year is receiving the annual Fair Radio Sales surplus catalog in my mailbox. Last week I got Fair's 48 th catalog, WS-95. There are several items in the new catalog that might be of interest

to QRP'ers.

On page 15 there's an ad for a AS-1320/PRC-47 antenna. It's an 8-section, fifteen foot whip antenna with a set of MT-2786 legs that will allow use as an HF ground plane. The antenna apparently disassembles easily and come with a canvas carrying case. The Price is twenty bucks - for another four bucks you can also order a 3" ceramic insulator that threads into the AS-1320 base. To me this sounds like the makings of a great portable antenna project. I ordered mine a couple of days ago - I'll report back to the group with what I finally come up with.

See page 35 for a good assortment of "QRP Circuit Boards" about a watt and a half out for 160, 80, 40, and thirty meters for from 20 - 23 dollars each - these are assembled with a 2N3019 in the PA - crystal controlled of course.

If you're into neat-o old military gear there's an AN/GRC-109 radio set on page 19. Consists of separate, tube type transmitter, receiver and power supply - the power output is a few watts over the QRP limit, but you can always 'crank it back'. This setup covers from 3 to 22 Mhz - the transmitter will match a 72 to 1200 ohm single wire antenna. Around \$ 100.00 for the whole setup.

Call Fair Radio Sales in Lima, OH at 419-223-2196 for a catalog.

I'm not related to anyone at Fair Radio and have not been paid for this review, etc., etc.

Bob / WA4ZID
Braxton, MS

From owner-qrp-l@netcom.com Fri Apr 28 20:05:58 1995
Date: Fri, 28 Apr 1995 16:42:06 -0400
From: Chris Doherty <doherty@lydian.scranton.com>
Subject: QRP, Dayton Wx or shuffle off to Buffalo?
Message-Id: <Pine.3.89.9504281612.A24026-01000000@lydian.scranton.com>

Can't say I've seen much QRP related stuff on this list lately. A lot about Dayton Wx (which I can get from the weather channel or CNN), Dayton room service, who's sleeping with whom, what's being sold, or what might be sold. I've endured it and I'll probably have to endure post traumatic Dayton syndrome as I find out next week the frequency by frequency analysis of the goings-on at the hamfest. (If I only has a filter that everytime the word Dayton appeared it would automatically erase the message.)

Well, I said what I had to say. Hope everyone has a good time in - that

>
>

From owner-qrp-1@netcom.com Fri Apr 28 10:51:48 1995
Date: Fri, 28 Apr 95 7:50:51 EDT
Message-Id: <heH8+7aBcjb@PAMDT.ANG.AF.MIL>
From: <CBAILEY@PAMDT.ANG.AF.MIL> (MSgt Cameron C.R. Bailey)
Subject: re: universal QRP oAccessoryo box (LONG)

Yes,

I'm interested in building the same sort of arrangement.
It would save money building all that into every rig you build!

I had thought of putting that into a small igloo type of container.
There would be space below the panel which has all the jacks, knobs, etc,
for the rig of choice to slide into. The carry case would close up and
secure the rig from weather. It would somewhat ruggedize the station. It
would look harmless if carried into public parks. People would think I'm out
for a picnic. :^)

This could sit in the passenger seat of the car for the commute to work.

Keep me posted on your progress. I'm in the planning stage yet.

Mine would have:

SWR Bridge which could be used optionally. Jacks on front panel.
Tuner "T" type. Jacks on front panel.
Keyer Iambic type. Paddles??
External speaker, switchable audio amp.
Internal battery or external power source with fuse.

de kt3a (KT3A@aol.com)

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From owner-qrp-1@netcom.com Fri Apr 28 22:20:07 1995
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Message-Id: <9504281740.AA26591@philadelphia.libertynet.org>
Subject: UUENCODE over the list?
Date: Fri, 28 Apr 1995 13:40:58 -0400 (EDT)

What would you think if I sent a preliminary circuit diagram over the listserv using UUENCODE and GIF format? I would put in the subject line UUENCODE. If you don't want to read it, just delete the file.

I think that it would be very beneficial for people if they were able to swap their circuit schematics over the net.

Thanks and 72, 73

--

Adam O'Donnell, N3RCS
Internet: adam@libertynet.org

"Control is nothing but an illusion;
Power is and will always be virtual."
-Me

-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: 2.6.2

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-----END PGP PUBLIC KEY BLOCK-----

From owner-qrp-l@netcom.com Sat Apr 29 00:18:56 1995
Date: Fri, 28 Apr 1995 20:04:07 -0700 (PDT)
From: Steven Wilson <randyw@crl.com>
Subject: Re: UUENCODE over the list?
Message-Id: <Pine.SUN.3.91.950428200313.22670A-100000@crl111.crl.com>

I would think a much better idea would be to find a ftp site to send it to then just a very short message telling what it is about posted here on the list. de stan ak0b

From owner-qrp-l@netcom.com Fri Apr 28 23:20:30 1995
Message-Id: <n1413032373.42747@msmailgw1.arlut.utexas.edu>
Date: 28 Apr 1995 17:27:19 -0600
From: "rohre" <rohre@arlut.utexas.edu>
Subject: Vertical Ant. & Bill Barnes metal roof

Bill,
and the group can chime in with comments on this; for some time I had always felt like your message implied, if you were using something for a ground plane, shouldn't it be connected to ground or earth?

Now, let me share the concept that I have now found to be the case, and which is stated in latest handbooks. An elevated vertical is really working against a reflective counterpoise which we have traditionally called a ground plane. Earth ground is only useful to RF if it is selective at the RF frequency of interest, and is in close proximity to the antenna. If it is not resonant at the RF frequency it will be lossy, and if you site a vertical upon lossy ground, you will suffer a loss of efficiency by those losses. Most of us seem to want to put a station upon lossy earth. Few of my houses, anyway, were selected for RF ground under them! Thus, we are better off using elevated antennas, and elevated verticals rather than earth mounted verticals. If one has an elevated vertical, and has to run a wire that is a significant fraction of a wavelength, to earth, that wire will not ground anything in terms of RF, it will have a high impedance at the end near the antenna, and possibly radiate undesirably.

Now, can you use the metal roof for your counterpoise? Yes, most practical structures are going to have enough area of roof to be useful reflectors for say 40 M and bands higher, because the dimensions of the metal roof are probably a 1/4 wave or better. And if the roof is pitched at an angle, you will get the drooping radial effect on your vertical, giving low angle radiation, and a closer match to 50 ohm feed lines. A flat roof would move the impedance away from a 50 ohm match, possibly, but that will depend on the RF dimensions, thus that would still be better than a non conductive roof.

Should you bond a wire to the earth from this roof? Certainly, for lightning protection at least. If you are lucky and can make the earth lead straight and yet a half wave electrically, it should be low impedance to the RF. If you have a multiband vertical, just go straight and do not worry about what can't be helped. Bonding the rain gutters probably won't help the RF situation much, but would again be good from the point that if struck by lightning, it will be less likely to jump from one conductor to another. That is, the whole of the metal structures will rise to the same potential or voltage in a near strike situation. Bonding to earth keeps a charge from accumulating on the elevated metal structure of the roof, which might be useful against lightning charge buildup, if you live on a hill. This really is a big IF, for if the earth is a poor conductor or you live on tropical soil, the earth is not much help. Desert soil is also a poor conductor with all that silicon and quartz. Bonding the other metal spouts is good if one runs any power to keep the galvanized and poorly conducting metals from forming rectifying junctions that might cause RF interference to the neighbors, (which is not usually a problem at qrp.) So, let us hear how the roof works out, but keep in mind, if you do that you lose the ability to run antennas in the attic. Of course, with a a tall, long, house, and pre planning with the roofer, you might be able to insulate off certain sections of the metal deck, and join their panels very well to make a giant, in area, dipole, that should be very broad banded, and if wide, may overcome the poorer conduction of the galvanized steel sheets, if that is what you are to put up. If we had a choice, Aluminium would be the ideal ham roof!

I have always wondered how noisy a metal roof would be in a heavy rain or hail storm, but at least the roof lasts a long time! Good Luck! --Stuart K5KVH